Rec'd PCT/PTO 16 JUN 2005

Rec'd PCT/PTO 17 JUN 2005

DNAG-298 (10416471)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Bindig, et al.

Serial No.

10/500 253

Scriai 140.

10/520,357

International Filing

07/18/2003

Date

For

EXTERNAL ELECTRODE ON A PIEZOCERAMIC MULTI-

LAYER

Art Unit

:

To be assigned

Examiner

.

To be assigned

June 17, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450

MS: PCT

I hereby certify that this correspondence is being sent by Express Mail No: EV 331563044 US in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA. 22313-1450 on the date shown below:

Eileen Sheffield

- Cur

Date

## RESPONSE TO NOTICE OF MISSING BASIC NATIONAL FEE REQUIRED AND/OR MISSING COPY OF INTERNATIONAL APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.495

Sir:

Applicants hereby respond to the above-identified Notice (copy attached).

Applicants submitted this application under 35 U.S.C. § 371 to commence the U.S. national phase. Applicants' submission included a check for \$1260 and authorization to charge the deposit account for any amount required beyond that provided.

Applicants also submitted copies of the published WO 2004/010511, the International Search Report, and other documents as set forth on the attached copy of the postcard, which bears a USPTO confirmation stamp.

It is not believed that any further documents or fees are required, but Applicants submit herewith a copy of PCT/IB/308 (submitted via Express Mail Procedures as evidenced by the copy of the attached postcard) which indicates that the International Bureau has communicated, as provided in Article 20, the international application to the following designated office: EP, JP,

KR and US, negating the need for Applicants to submit such a copy.

Also submitted herewith are a signed declaration and English translation, along with a preliminary amendment.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to Deposit Account No. 50-0624, under Order No. NY-DNAG-298.

Respectfully submitted

FULBRIGHT & JAWORSKI L.L.P.

James R. Crawford

Reg. No. 39,155

666 Fifth Avenue New York, New York 10103 (212) 318-3148

**Enclosures** 



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Addres: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/520,357 Reiner Bindig DNAG-298 (10416471)

INTERNATIONAL APPLICATION NO.

PCT/EP03/07893

24972 FULBRIGHT & JAWORSKI, LLP 666 FIFTH AVE NEW YORK, NY 10103-3198

I.A. FILING DATE PRIORITY DATE 07/18/2003 07/19/2002

> **CONFIRMATION NO. 5926 371 FORMALITIES LETTER** \*OC000000016260218\* \*OC000000016260218\*

NOTICE OF INSUFFICIENT BASIC NATIONAL FEE REQUIRED AND/OR MISSING COPY OF INTERNATIONAL APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

Indication of Small Entity Status has not been received.

The following items must be furnished:

Copy of International Application, which includes a copy of the Request Form, submitted to the International Bureau. Prior to publication by the International Bureau, the applicant is responsible for providing copies of IB papers to USPTO.

The basic national fee to enter the national stage in the United States of America under 35 U.S.C. 371 must be paid by 30 months from the priority (37 CFR 1.495(b)(2)).

If the proper basic national fee is not timely paid, the international application will become ABANDONED as to the United States of America, and will not be accepted for national examination.

The amount required shown above reflects the correct fee as of the date of this Notice. If the amount changes prior to payment, applicant must pay the revised amount.

The current basic national fees are listed at 37 CFR 1.492(a)(1)-(5). In addition, current PCT related fees are listed in each weekly issue of the Official Gazette of the United States Patent and Trademark Office and the amount of the fees can be obtained from the USPTO 's web site www.uspto.gov or by contacting the Public Service Center at (703) 308-4357.

Extensions of time under the provisions of 37 CFR 1.136 are not available for compliance with the requirements of 37 CFR 1.495(b)(2).

For filing the basic national fee, the first class certificate of mailing procedure of 37 CFR 1.8 is NOT available to establish the date of mailing as the date of receipt in the USPTO (see 37 CFR 1.8(a)(2)(i)(F)). The Express Mail procedure of 37 CFR 1.10 may be used.

The basic national fee may not be submitted via facsimile transmission.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed

to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

#### TERRY M JOHNSON VESSELS

Telephone: (703) 308-9140 EXT 221

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.					
10/520.357	PCT/EP03/07893	DNAG-298 (10416471)					

FORM PCT/DO/EO/912 (371 Formalities Notice)

Certificate of Express Mail

This mail is being sent by Express Mail No. EV 331563044 US
In an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450

on 6/17/05

By Eileen Sheffield

Ellow Sheffield

FORM PTO 1390 (REV 11-2000)	U.S. DEPARTMENT O	F COMMERCE PATENT AND TRADEMARK OFFICE					
TRANSMITTAL LETTER TO THE UNITED STATES		DNAG-298					
DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/520,357					
	ERNING A FILING L APPLICATION NO.	UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATES	PRIORITY DATE CLAIMED				
	2003/007893	July 18, 2003	July 19, 2002 and June 20, 2003				
	EXTERNAL E	LECTRODE ON A PIEZOCERAMIC	MULTI-LAYER ACTUATOR				
APPLICANT(S) F		ng, et al.					
Applicant herewith su	ibmits to the United States	Designated/Elected Office (DO/EO/US) the	following items and other informationX				
1. This is a	FIRST submission of ite	ems concerning a filing under 35 U.S.C.	. 371.				
L		UENT submission of items concerning a					
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. The US I	as been elected by the e	xpiration of 19 months from the priority	date (PCT Article 31).				
5. A copy o	f the International Appli	cation as filed (35 U.S.C. 371 (c)(2))					
a. is atta	ached hereto (required or	nly if not communicated by the Internati	ional Bureau).				
b. has been communicated by the International Bureau.							
c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).							
a. is att	ached hereto.						
b. has b	een previously submitted	d under 35 U.S.C. 154(d)(4).					
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))							
a. are attached hereto (required only if not communicated by the International Bureau).							
b. have been communicated by the International Bureau.							
c. have not been made; however, the time limit for making such amendments has NOT expired.							
d. have not been made and will not be made.  8. X An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).							
==		entor(s) (35 U.S.C. 371 (c)(4)).(unsigned					
An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
Items 11 to 20 below concern document(s) or information included:  11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
14. X A SECOND or SUBSEQUENT preliminary amendment.							
15. A substitute specification.							
16. A change of power of attorney and/or address letter.							
	17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.						
18. A second	A second copy of the published international application under 35 U.S.C. 154(d)(4).						
20. Other ite	ms or information						
'							

·	LICATION NO. (if known, see 37 CFR 1.5)  10/520,357  INTERNATIONAL APPLICATION NO.  PCT/EP03/007893		ATTORNEY'S DOCKET NUMBER DNAG-298-US				
17. The following fees are submitted:			CALCULATIONS PTO USE ONLY				
BASIC NATIONAL FI	CABCOLATION						
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO And International Search Report not prepared by the EPO or JPO \$1040.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report will be prepared by the EPO or JPO							
\$950.00 International prelimi							
but international sear	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
11 1	it satisfy provisions of PCT inary examination fee (37 C	Article 33(1)-(4)	.\$710.00				
	APPROPRIATE BA	SIC FEE AMOUNT =		\$			
Surcharge of \$ 20 x 30 month		g the oath or declaration ed priority date (37 CFR		\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		<del>                                     </del>		
Total claims	20 =			s	<u> </u>		
Independent claims	1-3 =	0	X	\$			
MULTIPLE DEPENDE	<u>``_`</u>	icable) L OF ABOVE CALC	XX	\$			
Applicant claims s		37 CFR 1.27. The fees		\$			
Are reduced by ½.				\$	<u> </u>		
		<u> </u>	SUBTOTAL =	\$			
Processing fee of \$ For furnishing the English translation later than  20 x 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +				\$			
TOTAL NATIONAL FEE =			\$				
Fee for recording the end Must be accompanied by ( Per proper	\$						
		TOTAL FEES E	NCLOSED =	\$			
	Amount to be Refunded:	\$					
				Charged:	\$		
A check in the amount of \$							
b. Please charge my Deposit Account No. 50-0624 in the amount of \$  To cover the above fees. A duplicate copy of this sheet is enclosed.							
c. X The Commissioner is hereby authorized to charge any additional fees which may be required or credit  Any overpayment to my Deposit Account No. 50-0624 . A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO: Customer No. 24972							
(212) 318-3000 SIGNATURE James R. Crawford							
666 Fifth Avenue	SINORI E.E.I .	4	NAME U				
New York, New York Customer No. 24972		39,155					

Rec'd PCT/PTO 16 JUNY 2005

# RECEPCT/PTO 17 JUN 2005

CASE NO: DNAG-298 (10416471) (JRC) Serial No: Please Assign

Date Mailed: 1/4/05

Due Date 1/19/05

DT07 Rec'd PCT/PTO 0 4 JAN 2005

The stamp of the Patent Office hereon may be taken as acknowledgment of receipt, on the date stamped, of the following Express Mail No: EV 331562993 US 371 Transmittal - PCT/EP2003/007893 filed 7/18/03; German Priority: 102\33 057.3 - 7/19/02 and 103 27 902.4 filed 6/20/03 (15 pages) 2 sheets drawings; WO 2004/010511 A3; Inter. Search Report; PCT/ISA/210; PCT/IB/308; PCT/IB/332; PCT/IPEA/416; PCT/IPEA/409; Prel. Amendment: Information Disclosure Statement

PTO/SB/08

Check for \$1260.00

10/520357